

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/078296 A1

(51) International Patent Classification⁷: **F16C 33/24**

(21) International Application Number:
PCT/EP2005/001464

(22) International Filing Date: 10 February 2005 (10.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04003113.0 12 February 2004 (12.02.2004) EP

(71) Applicant (for all designated States except US): **FED-
ERAL-MOGUL WIESBADEN GMBH & CO. KG**
[DE/DE]; Stielstrasse 11, 65201 Wiesbaden (DE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PRATT, George**
[GB/GB]; 1 Leacklee, Isle of Havis, HS 3 3EH (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

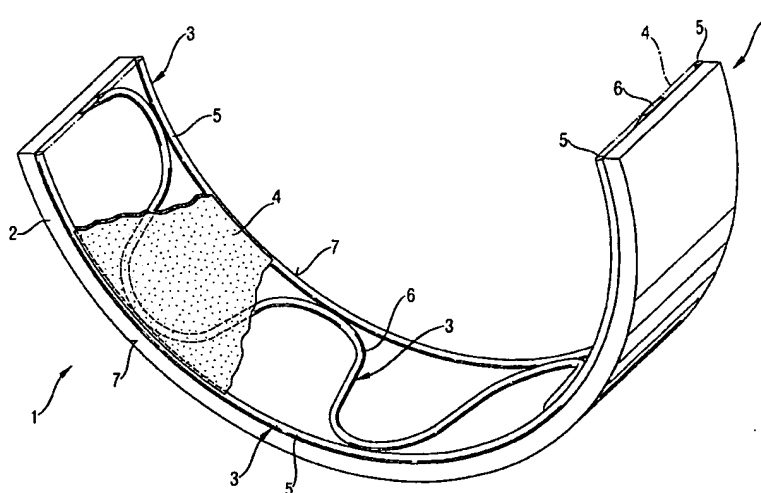
— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: **SLIDING BEARING ELEMENT AND METHOD OF PRODUCING**



(57) Abstract: A sliding bearing element is characterized in that a bearing material (3) that is bonded to the backing (2) is disposed at least at the edges of the backing (2) in form of wires (5, 6) in the circumferential direction and that a soft material (4) is located at least in a space between said wires (5, 6). At least one intermediate wire (6) can be disposed between the two edge wires (5) generally running in the circumferential direction. The method comprises the following processing steps: providing a strip (2a) of steel or any other material having the required degree of strength which forms the backing (2) of the bearing (1) to be produced, bonding at least one wire (5, 6) at each of the two edges of the backing strip (2a), whereat disposing the wires (5, 6) in such a manner that said wires (5) run in circumferential direction generally, and filling out the spaces between the wires (5, 6) with soft material (4).

WO 2005/078296 A1